Appln. No.: 10/657,944

Amendment Dated: April 5, 2005

Reply to Office Action of November 5, 2004

Amendment to the Abstract:

The Abstract has been amended. A revised Abstract is attached.

ABSTRACT

It has been difficult to provide a band elimination filter having characteristics of a high attenuation within a desired stop band and a low loss over wide frequency bands higher and lower than the stop band.

A band elimination filter includes; an input terminal and an output terminal. A capacitor is coupled between a first terminal connected to the input terminal and a second terminal connected to the output terminal. The first terminal is grounded only via a first grounding point. The second terminal is grounded only via a second grounding point. a plurality of acoustic wave resonators as an A first acoustic resonator is connected between the first terminal and the first grounding point and a second acoustic resonator is connected between the second terminal and the second grounding point. each having one end grounded; and a transmission line to which the other end of each of the plurality of acoustic wave resonators as an acoustic resonator is connected, in which at least some of the other ends are coupled to the transmission line at predetermined intervals, and at least one inductor is provided on transmission line in all or some of the predetermined intervals.

Attachment